



AIRPORT ASSET MANAGEMENT



DOT

DOT™ ASSET MANAGEMENT AND
CAPITAL PLANNING SOFTWARE

Airport directors, maintenance managers and engineers are faced with budgetary and technology constraints that make the management of their millions of dollars' worth of critical infrastructure and capital assets a difficult, ongoing process. In many cases, because of the fast-moving realm of airport operations and maintenance, airport staff are put in a reactive mode when it comes to managing their assets. Today, however, progressive airports are beginning to adopt a long-term view of asset management, based on their return on investment and managing their total cost of asset ownership. To support this plan, it is vital that airports have a tool that allows them to make asset investment decisions based on scientific and sound financial considerations that can be easily communicated to their decision makers and stakeholders.

DOT™ (Decision Optimization Technology™) asset management software allows for plan prioritization and offers an easy-to-understand capital and maintenance planning tool for airport infrastructure and asset management. In support of a broader asset management perspective at airports, a decision-based support tool like DOT™ allows airports to minimize the cost of asset ownership and provides the return on investment that airport stakeholders desire. DOT software is a powerful tool that will help you invest wisely, plan better and optimize your assets.

The DOT™ Airport module can analyze and produce customizable visuals on a variety of assets, including but not limited to:

- Runways
- Taxiways
- Aprons
- Lights/signals
- Vault equipment
- Storm drain structures
- Fuel tanks/pumps
- Baggage handling systems
- ARFF/maintenance equipment
- Radad/communication/tracking equipment
- Building structures
- Roofs
- Architectural finishes
- HVAC equipment
- Terminal flooring
- Hangars/doors
- Jet bridges
- Bridges/culverts
- Fuel lines
- Electrical lines
- Water
- Wastewater
- Stormwater

 <p>DATA - MANAGEMENT & INTEGRATION</p> <p>Collect and maintain inventory data, condition data and historical repairs across all asset types, with simple integration and data-sharing capabilities.</p>	 <p>GIS VISUALIZATION</p> <p>Access georeferenced data, map-centric visualizations of condition and other performance indicators associated with various asset types, all with enhanced GIS capabilities.</p>	 <p>CLOUD BASED SOLUTION</p> <p>Enjoy a maintenance-free, fully web-based application with a high level of security, privacy and compliance.</p>
 <p>RISK BASED ANALYSIS</p> <p>Use our risk-based analysis to develop models of asset criticality and likelihood of failure to determine risk levels at various asset classes and align your capital planning process with risk-based asset management guidelines.</p>	 <p>SCENARIO COMPARISON</p> <p>Set an unlimited number of scenarios with flexibility to investigate various budgeting strategies, policy decisions, treatment options, serviceability criteria and operational constraints while maintaining alignment with other projects.</p>	 <p>PREDICTIVE MODELLING</p> <p>Employ powerful and customizable deterioration models across various asset classes for better long-term predictive analysis and advanced model calibration capabilities.</p>
 <p>INTEROPERABILITY & INTEGRATION</p> <p>Our API integration capabilities make it possible to communicate with a variety of applications, such as GIS and financial systems, to achieve a hassle-free and centralized data management process.</p>	 <p>DATA-RECOVERY & BACKUP</p> <ul style="list-style-type: none"> • Disaster recovery with geo-redundant storage and site recovery • Automatic backup and restoration process • 99.9% guaranteed software availability 	 <p>MODERN AND EASY-TO-USE INTERFACE</p> <p>DOT™ software provides a modern user-interface suitable for users at different levels of skills, from asset management to engineering and operational departments.</p>



BETTERCAPITALPLANNING.COM

Hanson Professional Services Inc. ("Hanson"), as a professional services provider, is subject to rules, regulations and guidelines regarding the disclosure of potential conflicts of interest. If a conflict of interest exists, then best practices suggest that Hanson should disclose the conflict of interest. While Hanson provides certain professional services to you, Hanson is also recommending that you consider licensing Decision Optimization Technology software ("Software") from Decision Optimization Technology - United States, L.P. ("DOTUS"). Please be informed that Hanson owns a significant interest in DOTUS, and the recommendation to you regarding the use of the Software could be considered to be a conflict of interest between you and Hanson. You should weigh Hanson's recommendation regarding the use of the Software in light of Hanson's disclosure.